(19) JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000212180 A**

(43) Date of publication of application: **02.08.00**

(51) Int. Cl **C07D401/12**
A61P 1/04
A61P 31/04
A61K 31/4709
A61K 31/4725
A61K 31/5377
C07D401/14
C07D413/14

(21) Application number: **11012632**

(22) Date of filing: **21.01.99**

(71) Applicant: **WELFIDE CORP**

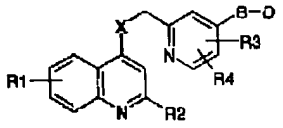
(72) Inventor: **SANO MITSUHARU**
YOKOYAMA YOSHIHITO
KITANI HIROYUKI
SAKURAI NOBUHIRO
EBARA HIDEJI
MIYOSHI MIE

(54) **QUINOLINE COMPOUND**

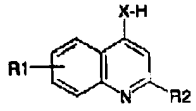
(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a new compound expressing a selective antibacterial activity against bacteria of the genus Helicobacter represented by Helicobacter pylori and useful for preventing and curing diseases such as gastritis, stomach ulcer and the likes caused by Helicobacter bacteria.

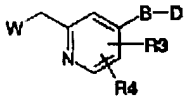
SOLUTION: This quinoline compound is a compound expressed by formula I {R1 is H, a halogen, nitro, cyano, an alkyl, an alkoxy, OH or the likes; R2 is H, a (halo)alkyl, a hydroxyalkyl or the likes; R3 and R4 are each H, a halogen or an alkyl; X is O, S, SO or the likes; B is O, S, SO2 or the likes; D is D1-E [D1 is a single bond, a (substituted) alkylene or the likes; E is a (halo) alkoxyalkyl or the likes] or the likes}, e.g. 4-{[3-methyl-4-(2-morphorinoethylthio)-2-pyridyl]methoxy}quinoline 3 hydrochloride. The compound of formula I is produced by a method, etc., for reacting a compound of formula II with a compound (an acid adduct) of formula III [W is a reaction active atom or group (e.g. a halogen)].



I



II



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